

Station: <u>Possum Point</u>	Ash Facility: <u>Ash Ponds</u>
Date: <u>06/18/14</u>	Reviewer: <u>Jeff Marcell</u>
Overall Rating: [Satisfactory] Satisfactory - Needs Improvement Unsatisfactory	
"Essential" Noncompliance Items (Need immediate attention): None <hr/> <hr/> <hr/>	
"Required" Noncompliance Items (Addressed within 30 days): None <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	
Were any items on the previous QA Assessment? Yes [No]	
Prepared By: Jeff Marcell	Date: 06/18/14
Comments/Suggestions: There is a slight slough on the inside slope at the bottom edge of the previous repair. Power Generation Engineering is aware and monitoring the area. Permit applications to address erosion at the toe of E Pond and grading issues have been submitted, waiting for final permits to begin work. <hr/> <hr/> <div style="text-align: right;">Mostly Cloudy, winds 5-10mph, 86deg F</div>	

COMPLIANCE ASSESSMENT CHECKLIST
Ash Pond

Requirements:	Reviewer Checks:																								
<p>Active Ash Pond: Maintain structural stability and integrity. Site should be operated in a manner that will protect both water and air quality.</p> <p>Ash Pond E Outfall No. 005</p> <p>(Earth fill dam, class III)</p>	<p>Verify that top and side slopes of dike are maintained to include filling of eroded areas and reseeding as required in a timely manner.</p> <p>[OK as observed.]</p> <p>Verify that maintenance (mowing) of vegetation is being performed as required.</p> <p>[OK as observed.]</p> <p>Upstream Slope:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Erosion?</td> <td>[OK as observed.]</td> </tr> <tr> <td>Vegetation cover?</td> <td>[OK as observed.]</td> </tr> <tr> <td>Trees?</td> <td>[OK as observed.]</td> </tr> <tr> <td>Rodent holes?</td> <td>[OK as observed.]</td> </tr> <tr> <td>Cracks, settlement, bulges?</td> <td>[None observed.]</td> </tr> </table> <p>Downstream Slope:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Erosion?</td> <td>[OK as observed; working with Power Generation Engineering to addresses ponding water and exposed flow channels at toe of slope]</td> </tr> <tr> <td>Vegetation cover?</td> <td>[OK as observed.]</td> </tr> <tr> <td>Trees?</td> <td>[OK as observed.]</td> </tr> <tr> <td>Rodent holes?</td> <td>[OK as observed.]</td> </tr> <tr> <td>Cracks, settlement, bulges?</td> <td>[None observed.]</td> </tr> <tr> <td>Drains, or wells flowing?</td> <td>[None observed.]</td> </tr> <tr> <td>Seepage or boils?</td> <td>[None observed.]</td> </tr> </table> <p>Verify that controls are in place to restrict floating solids from entering in State waters.</p> <p>[OK as observed. Floating boom fully operational.]</p>	Erosion?	[OK as observed.]	Vegetation cover?	[OK as observed.]	Trees?	[OK as observed.]	Rodent holes?	[OK as observed.]	Cracks, settlement, bulges?	[None observed.]	Erosion?	[OK as observed; working with Power Generation Engineering to addresses ponding water and exposed flow channels at toe of slope]	Vegetation cover?	[OK as observed.]	Trees?	[OK as observed.]	Rodent holes?	[OK as observed.]	Cracks, settlement, bulges?	[None observed.]	Drains, or wells flowing?	[None observed.]	Seepage or boils?	[None observed.]
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<p>Inactive Ash Pond: Maintain the integrity and effectiveness of dike, including making repairs to the dike as necessary to control the effects of settlement, subsidence, erosion, or other events, and prevent run-on and run-off from eroding or otherwise damaging the dike.</p> <p>Ash Pond D Discharges back to Ash Pond E (Earth fill dam, class II)</p>	<p>Verify that dike top and slopes are maintained to include filling of eroded areas and reseeding as required in a timely manner.</p> <p>[New slough on inside slope being monitored.]</p> <p>Verify that maintenance (mowing) of vegetation is being performed as required.</p> <p>[OK as observed.]</p> <p>Upstream Slope:</p> <table border="0"> <tr> <td>Erosion?</td><td>[OK as observed.]</td></tr> <tr> <td>Vegetation cover?</td><td>[OK as observed.]</td></tr> <tr> <td>Trees?</td><td>[OK. None observed.]</td></tr> <tr> <td>Rodent holes?</td><td>[OK. None observed.]</td></tr> <tr> <td>Cracks, settlement, bulges?</td><td>[OK as observed.]</td></tr> </table> <p>Downstream Slope:</p> <table border="0"> <tr> <td>Erosion?</td><td>[None observed.]</td></tr> <tr> <td>Vegetation cover?</td><td>[OK as observed.]</td></tr> <tr> <td>Trees?</td><td>[OK. None observed.]</td></tr> <tr> <td>Rodent holes?</td><td>[OK. None observed.]</td></tr> <tr> <td>Cracks, settlement, bulges?</td><td>[OK as observed.]</td></tr> <tr> <td>Drains, or wells flowing?</td><td>[None observed.]</td></tr> <tr> <td>Seepage or boils?</td><td>[None observed.]</td></tr> </table> <p>Verify that controls are in place to restrict floating solids from entering in State waters.</p> <p>[No discharge flow.]</p>	Erosion?	[OK as observed.]	Vegetation cover?	[OK as observed.]	Trees?	[OK. None observed.]	Rodent holes?	[OK. None observed.]	Cracks, settlement, bulges?	[OK as observed.]	Erosion?	[None observed.]	Vegetation cover?	[OK as observed.]	Trees?	[OK. None observed.]	Rodent holes?	[OK. None observed.]	Cracks, settlement, bulges?	[OK as observed.]	Drains, or wells flowing?	[None observed.]	Seepage or boils?	[None observed.]
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COMPLIANCE ASSESSMENT CHECKLIST

Ash Pond

[illegible]

Location: Possum Point

Name: Jeff Marcell

Date of Visit: 06/18/14

COMPLIANCE ASSESSMENT CHECKLIST
Ash Pond

Requirements:	Reviewer Checks:
<p>Facility Records: Required to retain records and provided, upon request, to the responsible agency.</p>	<p>Verify that required records are available:</p> <p>Inspection Reports SWPP Plan Qtr Inspection [Records current & available.]</p> <p>General - Frequency [Operations check at least quarterly.]</p> <p>Significant Storm Event [Operations check - areas at both Ponds are in good condition.]</p> <p>Groundwater Monitoring Records [Records available.]</p> <p>Monthly DMR Records [Records current & available.]</p> <p>SWPP Plan - Annual Site Compliance Evaluation Report [Records available.]</p> <p>Employee Training Records Environmental Awareness Spill Prevention [Station currently using LMS to manage required training.]</p>
<p>Location: <u>Possum Point</u> Name: <u>Jeff Marcell</u> Date of Visit: <u>06/18/14</u></p>	

COMPLIANCE ASSESSMENT CHECKLIST**Ash Pond**

Requirements:	Reviewer Checks:
<p>General Site: Ash storage facilities are required to be designed and operated in an aesthetically acceptable manner.</p> <p>Ash Pond E Outfall No. 005</p> <p>Ash Pond D Discharges back to Ash Pond E</p>	<p>Verify that the ash storage facility site is being operated in an aesthetically acceptable manner (Good Housekeeping).</p> <p>Ash Pond E [OK as observed.]</p> <p>Ash Pond D [OK as observed - Station materials, dirt/soil from station excavations and Unit 6 filter cake from clarifying raw river water, stockpiled near Pond D where they will be disposed.]</p> <p>Verify that the ash storage facility site is being operated with limited vehicular access by securing entrance gates.</p> <p>Ash Pond E [Yes. Access road gated & secured with lock.]</p> <p>Ash Pond D [Yes. Access road gated & secured with lock.]</p> <p>Verify that the fencing, natural barriers or equivalent means of controlling vehicular access is being maintained.</p> <p>Ash Pond E [Natural barriers, not totally fenced.]</p> <p>Ash Pond D [Natural barriers, not totally fenced.]</p> <p>Verify that trash is being disposed of properly.</p> <p>Ash Pond E [OK as observed.]</p> <p>Ash Pond D [OK as observed.]</p>
<p>Location: <u>Possum Point</u> Name: <u>Jeff Marcell</u></p> <p>Date of Visit: <u>06/18/14</u></p>	

COMPLIANCE ASSESSMENT CHECKLIST
Ash Pond

Requirements:	Reviewer Checks:
<p>Outfall Structure: Erosion and siltation shall be controlled through the use of erosion control devices and/or as is otherwise necessary.</p> <p>There shall be no discharge of floating solids or visible foam in other than trace amounts.</p> <p>Ash Pond E Outfall No. 005</p>	<p>Verify that erosion and siltation control devices and measures are being maintained in a functional condition at all times.</p> <p>[OK as observed.]</p> <p>Verify that there are no discharge of floating solids or visible foam in other than trace amounts.</p> <p>[OK as observed.]</p> <p>Verify that Outfall identification sign is posted and secure.</p> <p>[BMP]</p> <p>Verify that stop logs are available to control of water level.</p> <p>[Yes. OK as observed.]</p> <p>Visual estimated solids level in pond.</p> <p>[More than 3/4 full.]</p> <p>Verify that Outfall structure area is maintained to include filling of eroded areas and reseeding as required in a timely manner after each storm.</p> <p>[OK as observed.]</p> <p>Visual inspect that Outfall discharge effluent is clear.</p> <p>[Clear.]</p> <p>Verify that Outfall weir is operational.</p> <p>[OK as observed.]</p>
<p>Location: <u>Possum Point</u> Name: <u>Jeff Marcell</u></p> <p>Date of Visit: <u>06/18/14</u></p>	

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<p>Location: <u>Possum Point</u> Name: <u>Jeff Marcell</u></p> <p>Date of Visit: <u>06/18/14</u></p>	

Requirements:	Reviewer Checks:
<p>Site Drainage: All facilities shall be designed and operated to provide control measures that prevent or minimize contamination of storm water run-off from areas adjacent to disposal ponds or landfills.</p> <p>Inspect designated equipment and areas of the facility at appropriate intervals (minimum of monthly).</p> <p>Solids, sludges or other pollutants removed in the course of treatment or management of pollutants shall be disposed of in a manner so as to prevent any pollutant from such materials from entering State waters.</p> <p>Ash Pond E Outfall No. 005</p> <p>Ash Pond D Discharges back to Ash Pond E</p>	<p>Verify that surface water course and run-off are diverted from the ash storage facility site.</p> <p>Ash Pond E [OK as observed.]</p> <p>Ash Pond D [OK as observed.]</p> <p>Verify that the ash storage facility site is constructed, operated, and graded to promote surface water run-off without excessive erosion.</p> <p>Ash Pond E [OK as observed.]</p> <p>Ash Pond D [OK as observed.]</p> <p>Verify that vegetated areas that have become damaged by construction, operations, or erosion are promptly regraded, limed, fertilized and reseeded as required.</p> <p>Ash Pond E [Waiting for final permits to address concerns at toe of slope. VDOT contacted to remove beaver dam in tributary of Quantico Creek, VDOT will schedule removal and trapping of beavers.]</p> <p>Ash Pond D [New slough on inside slope.]</p> <p>Verify that routine inspections and maintenance of the site drainage system are being performed to ensure the systems perform properly.</p> <p>Ash Pond E [OK]</p> <p>Ash Pond D [OK]</p>
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